

L 27108-66 EWT(m)/EWA(d)/EMP(t)/ETI IJF(c) JD/WB

ACC NR: AP6015123

SOURCE CODE: UR/0064/66/000/005/0072/0074

AUTHOR: Dobrovolskaya, V. P.; Gerobets, A. N.; Barannik, V. P.

ORG: Sevastopol' Instrument Engineering Institute (Sevastopol'skiy priborostroitel'nyy institut)

TITLE: Corrosion of copper in sodium hydroxide and ammonia solutions

SOURCE: Khimicheskaya promyshlennost', no. 5, 1966, 72-74

TOPIC TAGS: corrosion, copper corrosion, sodium hydroxide induced corrosion

ABSTRACT: The corrosion of M-1 electrolytic copper (99.90% min Cu) in a 0.0001-19 g-equiv/l sodium hydroxide solution and in a 0.5 g-equiv/l sodium hydroxide solution containing various amounts of potassium and ammonium sulfates and chlorides has been investigated. It was found that the corrosion rate of copper depends on the concentration of sodium hydroxide. With increasing concentration up to 0.5 g-equiv/l, the corrosion rate increased, but dropped with further increases in concentration. In a sodium hydroxide solution, the potassium salts had little or no effect. Ammonium salts at concentrations up to 0.25 g-equiv/l also had no effect on the corrosion rate,

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UDC: 620.193.42:669.3

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ACC NR: AP6015123

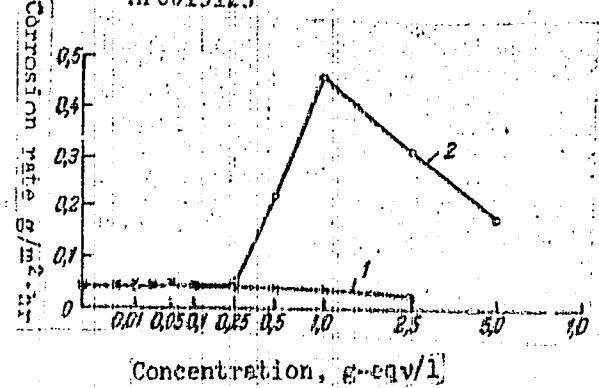


Fig. 1. Dependence of corrosion rate of copper in sodium hydroxide solution on concentration of potassium chloride (1) and ammonia chloride (2).

but the corrosion rate sharply increased with further increases in ammonium salt and then dropped again (see Fig. 1). The copper corrosion in an ammonia solution up to 13.3 g-equiv/l showed a maximum rate at a concentration of 3.5 g-equiv/l. Orig. art. has: 4 figures. [AZ]

SUB CODE: 11/ SUBM DATE: none/ ATD PRESS: 4258

Card 2/2

MEDVEDEV, I.D., prof.; CHISTYAKOV, F.A.; KRYUCHKOV, I.; GOROBETS, A.V.;
MERKOTAN, V.; PONOMAREV, B.

Throughout the Soviet Union. Veterinaria 36 no.6:94..96
Je '59. (MIBA 12:10)
(Veterinary medicine)

GOLDJINOV, V.A.; YUFEROVA, I.A.; GOROBETS, F.M.

Practices in building and using information retrieval systems
on cards with perforated borders, punched cards with machine
sorting, and superimposed punched cards. NTI no.7:25-30 '65.
(MRRA 18:9)

L 15221-66

ACC NM: AP6000039	SOURCE CODE: <i>UR</i> 0315/05/000/007/0025/0039
AUTHOR: Gol'dinov, V. I.; Yuferova, I. A.; Gorobets, F. M.	
ORG: none	
TITLE: Experience in the development and practical application of information-search systems employing edge-perforated punched cards, machine-sorter punched cards, and superimposed punched cards	
SOURCE: Nauchno-tehnicheskaya informatsiya, no. 7, 1965, 25-30	
TOPIC TAGS: scientific information, information storage and retrieval, data processing personnel, punched card	
ABSTRACT: The authors describe their experiences in the development and utilization of three types of information-search systems (ISS) which were displayed at the exhibition of proposals of inventors, efficiency experts, and innovators of Leningrad economic region which began in October, 1964. All three ISS (employing edge-perforated punched cards, 80-column machine-sorter punched cards, and 80-column superimposed punched cards) were developed on the basis of a single fund of information consisting of 750 original documents dealing with the technical descriptions of some of the displays at the exhibition, drafts, and a technical-information newsheet. Both the ISS employing the edge-perforated cards and the sorter cards used a unified search-notation code system. A descriptive dictionary	
Cord 1/2	UDC: 002.513.5:676.815

L 15221-66

ACC NR: AP6000039

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containing 719 terms was developed for the superimposed card ISS. Comparative results of the operation of the three types of ISS are presented. The expediency of introducing the ISS described into the practical operations of information sciences groups is discussed, and the need of a comparative study of the effectiveness of each type of ISS is indicated. Authors express their sincere gratitude to associates of VINITI V. A. Polushkin, L. P. Shchegolev, A. I. Rozanov, and K. A. Razlogova, and associates of NIEMASH K. A. Nikolayev, E. N. Mil'nan, Ye. N. Afanas'yeva, M. A. Koshlakova, and N. I. Lakshina for their great practical assistance in organizing the work of the information-request department of the exhibition of Leningrad Innovators and valuable advice. Orig. art. has: 5 figures and 2 tables.

SUB CODE: 05, 09 / SUBM DATE: 06Mar65

TS
Card

2/2

GOROBETS, P.N., PROKOPOVICH, K.V.

Cleaning up an area of ascarid infestation. Vrach.delo no.8:843-845
Ag'58 (MIRA 11:8)

1. Kafedra epidemiologii Kiyevskogo instituta usovershenstvovaniya
vrachey i parazitologicheskiy otdel Kiyevskoy gorodskoy sanitarno-
epidemiologicheskoy stantsii.
(SHEVCHENKO (KIEV PROVINCE))—ASCARDIS AND ASCARIASIS)

GOROBETS, F.T.

The transfer to natural gas facilitated work, lowered production expenses. Stek. i ker. 19 no.7:33-35 Jl '62. (MIRA 15:7)
(Gas, Natural) (Glass factories)

6(7)

SOV/178-58-7-21/24

AUTHOR: Gorobets, G., Senior Lieutenant

TITLE: How to Increase the Length of Service of Telephone Poles
(Kak prodlit' srok sluzhby opory)

PERIODICAL: Voyennyj svyazist, 1958, Nr 7, p 44 (USSR)

ABSTRACT: The author recommends using a mixture of 5 parts gravel, 2 parts sand, 1 part lime, 2 parts cement and water as needed, for lengthening the service of wooden telephone poles to 18-20 years. After having installed the pole, the earth is tamped to 0.6-0.7 m of the entire depth of the ditch and the remaining space is filled with the aforementioned mixture. Prior to installation, the upper end of the pole is impregnated and covered with tarpaper.

Card 1/1

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616230001-2

GOROBETS, G.K.; MEL'NICHENKO, V.M.

Using the 334M unit for surface hardening of parts. Mashinostroenie
no.5:39 S-0 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616230001-2"

USSR / Farm Animals. Swine

Q-4

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12132

Author : Grinbart S. B., Zambriborshch F. S., Gorobets G. P.
Inst :
Title : On the Utilization of Mytilus for Feeding Swine (Ob
1apol'zovaniye mlyny dlya kormleniya sviney)

Orig Pub: V pomoshch' s. kh. i rybovodstvu, Vyp. 1. Odessa,
1956, 21-22

Abstract: Feeding of porkers of the test group with Mytilus mussels, both in a boiled and raw form, 1 to 4 kg. daily per head, has brought about their weight increase up to 770-800 g. (200-250 g. more than in control animals). The utilization of Mytilus, 1 kg. daily for weanlings and 2 kg. for porkers, is recommended.

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000616230001-2"

ACCESSION NR: AR4028218

S/0274/64/000/002/A047/A047

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 2A302

AUTHORS: Shchubarin, Yu. V.; Gorobets, N. N.

TITLE: Polarization structure of the field radiated from the open end of a round waveguide or conical horn excited by H_{11} wave

CITED SOURCE: Uch. zap. Khar'kovsk. un-t, v. 132, 1962, Tr. radiofiz. fak., v. 7, 42-49

TOPIC TAGS: waveguide antenna, horn antenna, field polarization, H_{11} mode, Kirchhoff integral, principal radiation lobe

TRANSLATION: The polarization structure is calculated for the field radiated from the open end of a round waveguide and a conical horn excited a linearly polarized H_{11} wave. The differential equation of the projections of the electric force lines in a hemisphere of large

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ACCESSION NR: AR4028218

radius is obtained with the aid of the vectorized Kirchhoff integral. The results of the approximate integration of this equation and a theoretical analysis lead to the following conclusions: The polarization structure of the field radiated from the open end of a round waveguide is in general similar to the structure of the H_{11} mode field inside the waveguide. Within the width of the principal lobe relative to the E_θ component, the vector \vec{E} lies approximately in a vertical plane, and the force lines are approximately parallel to one another. In the vertical plane, the parallel nature of E is fairly well maintained up to a level $0.5 E_{\theta \text{ max}}$. In the case of a round waveguide, the calculated data have been well confirmed by experiment. 6 illustrations. Bibliography, 4 titles. S. P.

DATE ACQ: 30Mar64

SUB CODE: GE, SD

ENCL: 00

Card 2/2

ACC NR: AR6035101

SOURCE CODE: UR/0274/66/000/009/A033/A033

AUTHOR: Shubarin, Yu. V.; Gorobets, N. N.

TITLE: Dependence of polarization on the phase-amplitude field distribution in an antenna aperture

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 9A241

REF SOURCE: Radiotekhnika. Resp. mezhev. nauchno-tekhn. sb., vyp. 1, 1965, 172-186

TOPIC TAGS: shf antenna, antenna radiation pattern, antenna polarization, antenna lobe, antenna aperture

ABSTRACT: The dependence of polarization on phase-amplitude-field distribution in the aperture of an shf antenna is investigated. Conditions for the synthesis of a given polarization diagram are established. The dependence of the coefficient of ellipticity (C_e) in the center of the rectangular cophased aperture, required for circular polarization in the main maximum, on field distribution over the components is determined. The polarization diagram of a rectangular aperture is studied. In a cophased aperture the decrease of C_e becomes less with an increase

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UDC: 621.396.671.012.12

ACC NR:
AR6035191

in the ratio of the aperture dimensions to the wavelength, and with a decrease in the differences between the drop rates of the orthogonal components of the field. Linear phase distortions lower C_e proportionately to the cosine of the angle of rotation of the major lobe of the antenna-radiation pattern. Quadratic phase distortions lower C_e only insignificantly if amplitude distributions of the orthogonal field components in the aperture are constant. There are five illustrations and a bibliography of 9 titles. [Translation of abstract] [DW]

SUB CODE: 091

Card 2/2

REF ID: A666681

SOURCE CODE: UR/614Z/65/008/005/0561/0573

AUTHOR: Shubarin, Yu. V.; Gorobets, N. N.

B

ORG: none

TITLE: Effect of the amplitude-phase field distribution on the polarization diagram
in the aperture of a shf antenna

ZSB 44

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 5, 1965, 561-573

TOPIC TAGS: shf antenna, antenna polarization

ABSTRACT: An antenna having a planar aperture of arbitrary shape is considered. The electric-vector components of the field in the antenna far region are expressed, in terms of the components of the radiation electric vector, by means of a vectorized Kirchhoff's integral. Conditions are developed for synthesizing a specified polarization diagram. If the amplitude-phase distribution of one of the orthogonal components is known, the problem of synthesizing is reduced to determining the second orthogonal component; the reverse Fourier transformation is recommended. To ensure the circular antenna polarization within the front half-space, the amplitude

Card 1/2

UDC: 621.396.67

L 39577-66

ACC NR: AP6000521

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distributions of the orthogonal components should be identical, and the phase shift between them should be $\pm\pi/2$. In a rectangular cophasal aperture, the different rates of decrease of the amplitude distributions of the orthogonal components result in a reduced ellipticity. The linear phase distortion reduces the ellipticity in proportion to the cosine of the major-lobe angle; this reduction can be compensated for by a proper choice of the amplitude distribution. Orig. art. has: 5 figures and 50 formulas.

SUB CODE: 09 / SUBM DATE: 11Nov63 / ORIG REF: 007 / OTH REF: 002

Cord 2/2 H/S

L 29917-56 EWT(1)/T WR

ACC NR: AP5026723

SOURCE CODE: UR/0141/65/008/005/1044/1047

34
B

AUTHOR: Shubarin, Yu. V.; Gorobets, N. N.

ORG: Kharkov State University (Khar'kovskiy gosudarstvennyy universitet)

TITLE: Tuning circularly polarized antennas 153

SOURCE: IVUZ. Radiofizika, v. 8, no. 5, 1965, 1044-1047

TOPIC TAGS: antenna polarization, circular polarization, antenna tuning

ABSTRACT: The polarization diagram of an antenna is defined as the dependence of polarization of the antenna beam on direction in space. The magnetic field at the aperture is resolved into cartesian components with origin at the center of the aperture and the z-axis perpendicular to plane of the aperture. The polarization index is at a distant point

$$P(\theta, \varphi) = \frac{E_\phi}{E_\theta} = \frac{\dot{N}_y/\dot{N}_x - i\dot{g}\varphi}{1 + (\dot{N}_y/\dot{N}_x)i\dot{g}\varphi},$$

where θ and φ are the spherical coordinates of the observation point, E_ϕ , E_θ are the complex amplitudes of the orthogonal field components, \dot{N}_y and \dot{N}_x are projections of the electric radiation vector on the cartesian system. Polarization diagrams of mirror

UDC: 621.396.67.075.095.13

Card 1/2

L 29917-66

ACC NR: AP5026723

or lens type antennas are considered. Phase difference is assumed equal to $\pi/2$ throughout the aperture. Using McCoy and Kuskowski's conditions for the ellipticity of the field and assuming the coefficient of ellipticity less than unity, an equation is derived for rectangular apertures with coordinate axes parallel to the sides

$$\left| \frac{H_{y0}}{H_{x0}} \right| = \frac{2 + A_{xx}}{2 + A_{yy}} \quad \frac{2 + A_{xy}}{2 + A_{yx}}$$

This equation was checked by experimental determination of the dependence of the elliptical coefficient of the field of a metal lens antenna with a square aperture on the ellipticity coefficient at the center of the aperture. The equation is shown to be sufficiently accurate for practical purposes. Equations are given for other aperture shapes. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: 04Jan65/ ORIG REF: 003/ CTH REF: 002.

Card 2/2 UC

L 21669-66 EFT(1)/T WR
ACC NR: AP6003549

SOURCE CODE: UR/0109/66/011/001/0003/0010

AUTHOR: Shubarin, Yu. V.; Gorobets, N. N.

31
B

ORG: none

TITLE: Polarization diagram of SHF antennas with complex-shape apertures
[Reported at the 20th All-Union Conference of NTORiE, May 1964]

SOURCE: Radiotekhnika i elektronika, v. 11, no. 1, 1966, 3-10

TOPIC TAGS: SHF antenna, antenna directivity, antenna polarization

ABSTRACT: A curve of the antenna-field polarization (or polarization ratio) vs. direction is called a "polarization diagram." Formulas for the polarization diagrams of antennas with cophasal rectangular, elliptic, circular, ring, and rhombic apertures are derived. A comparison of these formulas reveals that the rhombic-aperture antenna has a nearest-to-constant polarization diagram. In order to obtain a circularly polarized field within the major lobe, the field in the aperture center should be elliptically polarized, the ellipse major semiaxis being parallel to that field component which has a smaller coefficient of aperture-area utilization.

Orig. art. has: 5 figures and 18 formulas.

SUB CODE: 09 / SUBM DATE: 07Sep64 / ORIG REF: 004 / OTH REF: 002

Cord. 1/1

UDC: 621.396.67.029.64.095.1

ACC NR: AP6034940

(A)

SOURCE CODE: UR/0146/66/009/005/0023/0026

AUTHOR: Gorobets, N. N.

ORG: Khar'kov State University im. A. M. Gor'kiy (Khar'kovskiy gosudarstvennyy universitet)

TITLE: A simple automatic polarimeter (M)

SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 5, 1966, 23-26

TOPIC TAGS: polarimeter, circular polarization, electric polarization, superhigh frequency

ABSTRACT: A simple high-speed polarimeter is described. The polarimeter receives SHF signals modulated by 1000 cps signal with a detector system that includes a conical aperture, a rotating joint, and a round-to-rectangular waveguide transducer connected to a matched detector. Detected signals are applied to an amplifier and then to an oscilloscope. A motor rotates the detector joint at a rate of 2780 rpm thus changing the amplitude of the detected signal in proportion to its polarization. The polarization angle is measured by synchronizing the oscilloscope with the rotation of the detector section. The working bandwidth of the polarimeter is 8340—11,500 Mc. The relative axial ratio measurement error does not exceed 2% for received signal axial ratios on the order of 0.1. The error in polarization angle measurements does

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UDC: 535.568

ACC NR: AP6034940

not exceed 2% for received signal axial ratios smaller than 0.1; the error is somewhat greater for angle measurements of the minor ellipse axis than for the major axis. Orig. art. has: 2 figures.

SUB CODE: 14/ SUBM DATE: 13Nov65/ ORIG REF: 003/ OTH REF: 001

Card 2/2

02411-67 EWT(1)/T WR/GD/JXT

ACC NR: AT6022332 SOURCE CODE: UR/0000/66/000/000/0026/0033

AUTHOR: Shubarin, Yu. V.; Gorobets, N. N.; Voloshin, V. A.

54
B+1

ORG: None

25B

TITLE: Effect which reflections in elliptically polarized antennas have on the polarization of their field of radiation

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya antennykh ustroystv. Doklady. Moscow, 1966, 26-33

TOPIC TAGS: circularly polarized antenna, electromagnetic wave reflection, antenna polarization

ABSTRACT: The authors consider reflections in elliptically polarized antennas and their effect on deviations in the polarization of the field radiated by the antenna from the theoretical value. Antennas with phasing sections in the feeder channel are considered. The phasing section is an anisotropic medium where the rate of propagation of electromagnetic waves depends on polarization and differs for the mutually perpendicular components. This section splits an incident linearly polarized wave into two orthogonally polarized components which are propagated at different velocities so that they are shifted in phase by a given angle at the output of the section resulting in an elliptically polarized field.

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L 02411-67

ACC NR: AT6022332

Formulas are given for determining the effect which reflections from the exciter aperture have on polarization of the radiated field and it is shown that the coefficient of ellipticity is considerably reduced by these reflections in the case of waveguide radiating elements. This effect is insignificant for horn radiators. Variations in the polarization of the field emitted by the antenna are also considered from the standpoint of reflector-exciter interaction. It is found that this type of interaction causes a considerable reduction in the coefficient of ellipticity for the entire antenna when the phasing section is adjusted for circular polarization in free space. This effect may be used if elliptical polarization is necessary in the center of the antenna aperture for producing a circularly polarized field at the principal maximum of antenna radiation since the directional diagram for the exciter is ordinarily not identical with respect to components and the amplitude distributions with respect to components differ at the aperture. Orig. art. has: 3 figures, 15 formulas.

SUB CODE: 20/ SUBM DATE: 22Mar66/ ORIG REF: 002

Card 2/2 hs

GONOBITS, P. Z.

Combines (Agricultural Machinery)

Analysis of reel operation on the S-4 self-propelled combine when the combine is advancing at various speeds. Mekh. elek. sel'khoz. No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

GOROBETS Petr Zakharovich, kandidat tekhnicheskikh nauk; KORNEV, Aleksandr Ivanovich, nauchnyy redaktor; LYUBINSKAYA, A.G., redaktor; BARANOVA, N.N., tekhnicheskiy redaktor.

[Winter operation of tractors] Ekspluatatsiya traktorov v zimnikh usloviakh. Moscow, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1957. 78 p. (MIRA 10:11)
(Tractors--Cold weather operation)

SVIRSHCHEVSKIY, Bronislav Stanislavovich; ABZEKOV, M.S., red.; ANTONOVSKIY, B.N., red.; BENDYAKOVA, A.V., red.; GLAZKO, V.G., red.; GOROBETS, P.Z., red.; DOKUCHAYEVA, A.P., red.; YELENEV, A.V., red.; KISELEV, I.I., red.; KOGANOV, A.B., red.; KONDRAT'YEV, M.A., red.; KONYUSHKO, V.A., red.; KURGANOV, A.I., red.; PUTYATIN, M.D., red.; FERE, N.E., red.; LENTHEV, B.Ya., red.; MAKHOVA, N.N., tekhn. red.; GOR'KOVA, Z.D., tekhn. red.

[Utilization of tractors and machinery] Ekspluatatsiia mashinno-traktornogo parka. Izd.3., perer. Moskva, Gos. izd-vo sel'skhoz. lit-ry, 1958. 660 p.

(MIRA 11:10)

(Agricultural machinery)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616230001-2

GOROBETS, V., kand. tekhn. nauk

Rapid method for the processing of indicator diagrams of high-speed engines. Trudy RIIZHT no.34:51-66 '61. (MIRA 17:1)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616230001-2"

ACCESSION NR: AP3001559

S/0197/63/000/004/0069/0073

AUTHOR: Gorobets, V.

TITLE: Synthesis of economical multi-output logical schemes on the basis of truth complete elements

SOURCE: AN LatSSR. Izvestiya, no. 4, 1963, 69-73

TOPIC TAGS: logical scheme, logical element, input signal, economical logical scheme, output function, inverse relation

ABSTRACT: The author gives a method for synthesis of multi-output logical schemes carried out on the basis of truth-complete elements of one type (AND-NOT, OR-NOT, NOT - ... - NOT-AND, NOT - ... NOT-OR). He studies one-time schemes without inverse relations from elements with m inputs and one output for n input and r output signals. Methods for synthesis of economical multi-output schemes have been proposed by other authors for schemes carried out on elements of the type AND, OR and NOT. Synthesis of logical schemes with r outputs can be realized by the construction of r single-output logical schemes, each of which works out a definite output function of the required r . However, in the majority of cases this leads to an uneconomical scheme in the number of used elements. The author

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ACCESSION NR: AP3001559

gives a method for synthesis of optimal single-output logical schemes from the indicated elements using signals with output elements of logical schemes of constructed output functions as supplementary input signals for obtaining a new output function. Orig. art. has: 2 figures, 5 tables, and 6 formulas.

ASSOCIATION: Institut elektroniki i vychislitel'noy tekhniki AN Latv. SSR
(Institute for Electronics and Computational Techniques, AN Latv. SSR)

SUBMITTED: 17Jan63

ENCL: 00

SUB CODE: MA

NO REF SOV: 003

OTHER: 000

Card 2/2

GROBETS, V.; KURKALOV, I.; SHEPELEVA, D.

Algorithm for thermal calculation of electric traction
motors. Izv. AN Latv. SSR no.5:65-72 '63. (MIRA 17:1)

1. Institut elektroniki i vychislitel'noy tekhniki AN
Latviyskoy SSR.

LIBERMAN, F.Ya.; VAL'KOVA, A.A.; DYLIS, K.Yu.; RYUMINA, L.A.; SOBOLEVA, G.I.; TUPOVA, V.V.; KHABUR, B.P., otv.red.; GUREVICH, G.Ye., kand.tekhn. nauk, nauchnyy red.; GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; KOLODKIN, A.L., kand.yurid.nauk, red.

[Conditions for the commercial operation of the merchant marine during foreign sailing; rules, customs and practices in Japanese sea ports.] Usloviia kommercheskoi ekspluatatsii morskogo flota v zagr-nichnom plavani; pravila, obychai i praktika morskikh portov Iaponii. Leningrad, Izd-vo "Morskoi transport." No.10, pt.1. 1963. 90 p. (Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota, Informatsionnyi sbornik, no.93). (MIRA 17:2)

1. Sotrudnik sektora ekspluatatsii flota TSentral'noto nauchno-issledovatel'skogo instituta morskogo flota (for Liberman, Val'kova, Dylis, Ryumina, Soboleva, Tupova).

STRUMPE, P.I.; kand. tekhn. nauk, ctv. red.; BRANITSIN, S.N.;
kand. tekhn. nauk, nauchn. red.; KHARIK, K.P., inst.;
nauchn. red.; GOROBETS, V.A., red.

[Basic research] Osnovnye nauchnye issledovaniia. Le-
ningrad, Izd-vo "Morskoi transport," 1961. 107 p.

(MIRA 17:10)

1. Leningrad. TSentral'nyy nauchno-issledovatel'skii
institut morskogo flota. 2. Direktor TSentral'nogo nauchno-issledo-
vateль skogo instituta morskogo flota, Leningrad (for Strumpe).

GRANITSIN, S.N., kand.tekhn.nauk, ANTONOVICH, V.I., kand.tekhn.nauk,
nauchnyy red.; GIKHNE, P.I., kand.tekhn.nauk, nauchnyy
GKROBIS, V.A., kand.voyen.-merskikh nauk, red.; KERZHNIKOV,
I.V., kand.tekhn.nauk, red.; KONCHAGIN, M.I., kand.tekhn.nauk
red.; KURZON, A.G., doktor tekhn.nauk, red.; NOZHENOVSKIY,
N.A., kand.tekhn.nauk, red.; SYROMYATNIKOV, V.P., kand.tekhn.
nauk, red.

[Automation of power plants on seagoing merchant ships.]
Avtomatizatsiya silovykh ustroystv morskikh transportnykh
sudov. Leningrad, Izd-vo "Morskoi transport," 1987. 13 p.
(Leningrad. Tsentral'nyi nauchno-issledovatel'skiy institut
norskogo flota. Informatsionnyi sochnik, no. 7) (MIRA 1987)

GOLOVIZNIN, A.M., kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk;
(GRIGOR'YEV, G.T.; KORNYAYEV, Yu.T.; SRABOV, K.Ye.; STRUMPE, P.I.,
kand.tekhn.nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk, red.;
GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; YEVREINOV, I.V.,
kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; KURZON, A.G.
doktor tekhn.nauk; MIROSHNICHENKO, I.P. kand.tekhn.nauk;
ROZHDESTVENSKIY, N.A., kand.tekhn.nauk; SYROMYATNIKOV, V.F.,
kand.tekhn.nauk; BAMA, N.G., red.; STUL'CHIKOVA, N., tekhn.red.

[Marine nuclear steam turbine plants.] Sudovye iadernye
prioturbinnye ustanovki. Leningrad. Izd-vo "Morskoi transport,"
1963. 135 p. Leningrad, TSentral'nyi nauchno-issledovatel'skiy
institut morskogo flota. Informatsionnyi stornik, no. 77/78.
Tekhnicheskaya ekspluatatsiya morskogo flota, no. 15/16).
(MIRA 17:2)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo
instituta morskogo flota (for Goloviznin, Gol'denfon,
Grigor'yev, Kornyayev, Srabov).

-> GOROBETS, V.A., inah.-elektrik vagona-defektoskopa; KONNOV, M.F.

New control circuit. Put' i put. khoz. 9 no.2:33 '65. (MIRA 18:7)

1. Stantsiya Ufa, Kuybyshevskoy dorogi (for Gorobets). 2. Nachal'nik vagona-defektoskopa, stantsiya Ufa, Kuybyshevskoy dorogi (for Konnov).

ACCESSION NR: AT4038167

S/2690/63/005/006/0119/0128

AUTHOR: Gorobets, V. G.

TITLE: Simplification of logic circuit synthesized on the basis
of one of the types of complete-truth elements

SOURCE: AN LatSSR. Institut elektroniki i vy*chislitel'noy tekhniki.
Trudy*, v. 5, 1963. Avtomatika i vy*chislitel'naya tekhnika (Auto-
mation and computer engineering), no. 6, 119-128

TOPIC TAGS: logic circuit, computer component, computer technique,
optimal control, decision theory, automatic control theory

ABSTRACT: In order to simplify logic circuits constructed on the
basis of OR-NOT or AND-NOT elements, it is proposed to employ several
transformations which make use of a simplification of normal forms.
These transformations are obtained on the basis of a study of the
results of optimal synthesis (in the sense of the number of elements

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ACCESSION NR: AT4038167

used) developed by the author elsewhere (Izv. AN LatvSSR, 1963, No. 3). The transformations are applicable also to simplify logic circuits made up of OR/OR-NOT or AND/AND-NOT elements, which, unlike OR-NOT and AND-NOT elements, have two outputs instead of one. Simplification of other circuits can be effected by using the de Morgan theory. In addition, the simplification of single-output logic circuits made up of AND-NOT elements is considered. The results agree with the methods using the Karnaugh and Veitch, but are not limited in the number of input variables. Orig. art. has: 3 figures, 19 formulas, and 2 tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 04Jun64

ENCL: 00

SUB CODE: MA, DP

NR REF SOV: 003

OTHER: 004

Cord 2/2

L 26/04-66

ACC NR: AT5028450

SOURCE CODE: UR/2690/65/009/000/0133/0143

33

Bt/

AUTHOR: Gorobets, V. G.

ORG: none

TITLE: Synthesizing alpha-type sequential logical diagrams

SOURCE: AN LatSSR. Institut elektroniki i vychislitel'noy tekhniki. Trudy. v. 9, 1965. Avtomatika i vychislitel'naya tekhnika, 133-143

TOPIC TAGS: sequence switch, switching circuit, logic design, electronic feedback

ABSTRACT: Sequential diagrams are considered which contain one feedback loop and a set of AND, OR, NOT logical elements; such diagrams can be described by the inertial rule and these equations: $f = f C_2 + C_1; \quad g = f C_4 + C_3,$

where C_1, C_2, C_3, C_4 are no-feedback functions of n input variables A_1, A_2, \dots, A_n . Such an α -diagram is obtained by adding (to an inertial diagram with an output variable f) a second output with a variable g , the latter not being a feedback function. A modification of the D. A. Huffman flow table (Res. Lab. of Electronics, MIT, Techn. Rep., no. 293, 1955) is

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UDC: 62-507

L 2670h-66

ACC NR: AT5028450

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used for specifying the sequential diagram. The α -diagrams can be isolated, from the specified flow table, by examining the lines that contain two-valued sets in the right-hand part of the table; four steps of this examination are described. After the α -diagram has been isolated, a similar inertial diagram with an f-output is constructed, an f-and-g-output state table is compiled, no-feedback functions C_3 and C_4 are composed, and finally, the α -diagram is synthesized. Two examples illustrate the method. A characteristic feature of the α -diagram is that when a transition is made from one two-valued set to another two-valued set, the output function should be the same; also, this function should not change with all two-valued sets which can be reached from a given one-valued set. The above method permits using a digital computer for verifying the conditions, isolation, and synthesis of α -diagrams. Orig. art. has: 8 figures, 10 formulas, and 9 tables.

SUB CODE: J2, 09 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

Cord 2/2 7/85

AMULI, M.A., and. (name) ; GURUJI, C. (name), P.D.T., I.L., Ind.

Alman tests of info. Proprietary anal. + prim. anal. to: 8727.
mat. i spetskiss, no.3:56-65 163.

(KIRA 11:10)

GOROBETS, V. L. Cand Tech Sci -- (diss) "Effect of ~~cold~~ temperature-related
~~cylinder blocks~~
deformation of boilers and ~~other~~ parts upon the operation of bar frames and
parts of locomotives." Len, 1957. 16 pp (Min of Railways USSR. Len Order of
Lenin Inst of Engineers of Railroad Transport im Academician V. N. Obraztsov),
120 copies (KL, 4-58, 82)

GOROBETS, V.L., inzh.

Effect of temperature deformations in boilers and cylinder blocks
on the performance of locomotive bar frames and machine parts. Trudy
RIIZHT no.24:200-255 '58. (MIRA 11:9)
(Locomotives--Performance)

GOROBETS, V.Ya.

How we bind ties. Put' i put. khoz. no.3:23 Mr '58. (MIRA 11:4)

1. Nachal'nik distantsii puti, stantsiya Chu Turkestano-Sibirskoy
dorogi. (Railroads--Ties)

GOBZEMIS, A.; GOROHETS, V.; TIMOFEYEV, T.

Using electronic computers in traction calculations for
determining the time of train movements in the runs between
stops. Izv. AN Latv. SSR no. 2:18-25 '63. (MIRA 16:4)

1. Institut elektroniki i vychislitel'noy tekhniki AN
Latviyskoy SSR.
(Railroads—Management) (Electric computers)

GOROBETS, V.

Synthesis of optimal logical schemes on the basis of truly complete elements. Izv. AN Latv. SSR no. 3:50-53 '63.

(MIRA 16:5)

1. Institut elektroniki i vychislitel'noy tekhniki AN Latviyskoy SSR.

(Electronic computers- Circuits)

KHISTICH, V.A., kand. tehn. nauk; GLUBOKHIN, G.G.; GRIKHE, Ye.N., inzh.;
BASHEVICH, Y.N., inzh.; CHURCHET, A.I., inzh.; TUMANOVSKIY, A.G.,
inzh.; GOLOBEV, V.S., inzh.

Some results of the tests and adjustment of the combustion chambers
of the gt-25-700 and gtn-9-750 gas turbine power systems. Teploener-
getika 12 no.2:18-20 P 1966. (MIRA 18:3)

1. Vsesoyuznyy ordena Trudovogo Krasnogo Znameni teplotekhnicheskiy
institut imeni F.E. Dzerzhinskogo; Kiyevskiy politekhnicheskiy insti-
tut i Leningradskiy metallicheskiy zavod.

SMIRNOV, S.S.; EYSMONT, I.I.; GOROBETS, Ya.K.

Using vibrations in loading coke into railroad cars. Koks i
khim. no.5: 38-40 '60. (MIRA 13:?)

1. Bagleyskiy koksokhimicheskiy zavod.
(Coke--Transportation) (Loading and unloading)

GOROBETS, Ye.G.; KHOR'KOV, V.L.

Using television units in mines of the Krivoy Rog Basin. Biul.tekh.-
ekon.inform. no.10:3-4 '60. (MIRA 13:10)
(Krivoy Rog Basin-Industrial television)

GOROBEY, A.I. [Horobei, A.I.]

Immortality of a leader. Nauka i zhyttia ll no. 4:5-7 Ap '61.
(MIRA 14:5)

1. Direktor Kiyevskogo tsentral'nogo muzeya V.I.Lenina.
(Lenin--Museums, relics, etc.) (Kiev--Historical museums)

SOV/124-57-8-9181

Translation from: Referativnyy zhurnal. Mekhanika. 1957, Nr 8, p 87 (USSR)

AUTHORS: Broydo, A. G., Gorobey, V. N., Dyuzheva, O. G., Kalugina, M. A.,
Pazgalova, E. A.

TITLE: Some Peculiarities of the Vertical Temperature Distribution in the
Lowest Portion of the Atmospheric Surface Layer (Nekotoryye
osobennosti vertikal'nogo raspredeleniya temperatury v nizhney
chasti prizemnogo sloya atmosfery)

PERIODICAL: Tr. Leningr. gidrometeorol. insta, 1956, Nr 5-6, pp 268-284

ABSTRACT: An examination of the laws governing the temperature distribution
in the lowest layer of the atmosphere (0-200 cm). The temperature profile is characterized by the "curvature parameter"

$$b = \frac{t_0 - t_{50}}{t_0 - t_{200}}$$

Card 1/2 introduced by the authors. This parameter indicates just what part

SOV/124-57-8 918

Some Peculiarities of the Vertical Temperature Distribution (cont.)

of the temperature variation in the 0-200 cm layer is attributable to its lowest 0-50 cm portion. The authors attempt to employ the parameter b to characterize the temperature profile of the surface layer in terms of the data from network observations (t_{200} data) alone. During the summer season the parameter b is significant during the day and is noticeably smaller in the late evening and the early-morning hours, and increases somewhat at night as compared with evening. A distinct relationship of the quantity b/u_1 (u_1 is the wind velocity at the 1 m level) and the stability parameter $y = (t_0 - t_{200})/u_1^2$ is found

A Kh Khrgian

Card 2/2

SOV/137-59-3-6747

Translation from: Referativnyy zhurnal Metallurgiya, 1959, Nr 3, p 259 USSR)

AUTHORS: Polukhin, P. I., Gorobinchenko, V. M.

TITLE: A Novel Method for the Investigation of Speed Conditions Obtaining During Rolling (Novyy metod issledovaniya skorostnogo rezhima pri prokatke)

PERIODICAL: Sb. Mosk. in-t stat., 1958, Vol 38, pp 282-297

ABSTRACT: A description of a method whereby the velocity of slippage of metal may be determined by the degree of filling in of the pass openings of the rolls by the leading end of the strip (S). The method also permits measuring the forward and backward slip of the S under stationary conditions of rolling. The method relies on the transformation of the translational motion of the S during rolling into the rotary motion of a special drum coupled to a slotted metallic disc which serves as an indicator of the distance traveled by the S. The electrical circuit consists of the loop of an oscilloscope connected in series with a storage battery, a disc, and two elastic bronze springs. One of the springs slides along the solid collar of the rotating disc, while the other is pressed against an insulating ring equipped with

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SOV/137-59-3-6747

A Novel Method for the Investigation of Speed Conditions (cont.)

uniformly spaced projections. As the ring rotates, the circuit is opened and closed periodically, and the reflected light beam of the oscillograph is alternately deflected in two different directions, thus producing two broken lines on a moving film. The transformation of the translational motion into a rotational motion is accomplished with the aid of a flexible link (consisting of a thin flexible thread or a steel wire) which connects the drum with the S being rolled. The method proposed offers the following advantages: a) The possibility of obtaining an evolute of the length of the circumference of the drum representing the path traveled by the S, usually, in practical applications, a distance of considerable magnitude; b) the possibility of varying the scale of the travel indicator by means of making the diameter of the disc several times greater than the diameter of the drum.

V. D

Card 2/2

POLUKHIN, P.I., prof., doktor tekhn. nnuk; GOROBINCHENKO, V.M., inzh.

Determining the average specific pressure in nonuniform rolling.
Sbor. Inst. stali no.38:298-306 '58. (MIRA 11:8)

1. Kafedra prokatki Moskovskogo instituta stali im. Stalina.
(Rolling (Metalwork)--Testing)

GOROBINCHENKO, V. M.

(40)

PHASE I BOOK EXPLOITATION SOV/6044

Rokotyan, Ye. S., Doctor of Technical Sciences, Ed.

Prokatnoye proizvodstvo; spravochnik (Rolling Industry; Handbook)
v. 2. Moscow, Metallurgizdat, 1962. 685 p. 8500 copies
printed.

Authors: P. A. Aleksandrov, Doctor of Technical Sciences;
V. P. Anisiforov, Candidate of Technical Sciences; V. I. Bayrakov,
Candidate of Technical Sciences; N. V. Barbarich, Candidate
of Technical Sciences; B. P. Baldtinov, Candidate of Technical
Sciences [deceased]; B. A. Bryukhanenko, Candidate of Economic
Sciences; M. V. Vasil'chikov, Candidate of Technical Sciences;
A. I. Vitkin, Doctor of Technical Sciences; S. P. Granovskiy,
Candidate of Technical Sciences; P. I. Grudev, Candidate of
Technical Sciences; I. V. Gunin, Engineer; M. Ya. Dzugutov,
Candidate of Technical Sciences; V. G. Drozd, Candidate of
Technical Sciences; N. P. Yermolayev, Engineer; G. N. Katsnel'son,
Candidate of Technical Sciences; M. V. Kovynev, Engineer;
M. Ye. Kugayenko, Engineer; N. V. Litovchenko, Candidate of
Technical Sciences; Yu. M. Matveyev, Candidate of Technical

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(40)

SOV/6044

Rolling Industry; Handbook

Sciences; V. I. Molchikov, Candidate of Technical Sciences; N. V. Melkov, Engineer; A. K. Hinburg, Candidate of Technical Sciences; V. D. Nosov, Engineer; B. I. Panchonko, Engineer; O. A. Plyatskovskiy, Candidate of Technical Sciences; I. S. Pobodin, Candidate of Technical Sciences; I. A. Priymak, Professor, Doctor of Technical Sciences [deceased]; A. A. Protasov, Engineer; M. M. Saf'yan, Candidate of Technical Sciences; N. M. Fedosov, Professor; S. N. Filippov, Engineer [deceased]; I. N. Filippov, Candidate of Technical Sciences; I. A. Fomichev, Doctor of Technical Sciences; M. Yu. Shifrin, Candidate of Technical Sciences; E. R. Shor, Candidate of Technical Sciences; M. V. M. N. Shternov, Candidate of Technical Sciences; M. V. Shuralev, Engineer; I. A. Yukhvets, Candidate of Technical Sciences; Eds. of Publishing House: V. M. Gorobinchenko, R. M. Golubchik, and V. A. Rymb; Tech. Ed.: L. V. Dobuzhinskaya.

PURPOSE: This handbook is intended for engineering personnel of metallurgical and machine-building plants, scientific research

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(40)

Rolling Industry; Handbook

SOV/6044

institutes, and planning and design organizations. It may also be used by students at schools of higher education.

COVERAGE: Volume 2 of the handbook reviews problems connected with the preparation of metal for rolling, the quality and quality control of rolled products, and designs of roll passes in merchant mills. The following topics are discussed: processes of manufacturing semifinished and finished rolled products (the rolling of blooms, billets, shapes, beams, rails, strips, wire, plates, sheets, and the drawing of steel wire), hot-dipped tin plates, lacquered plates, floor plates, tubes made by different methods, and special types of rolled products. Problems of the organization of rolling operations are reviewed, and types of rolled products manufactured in the USSR are shown. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:[Abridged]:

Card 3/14

VERNER, T.B.; GOHOBINCHENKO, V.M., inzh., nauchn.-tekhn.red.; BERMANT,
A.I., ved.red.
[Continuous mills of hot and cold rolling; a bibli-
ography] Nepreryvnye stany goriachei i kholodnoi prokatki;
bibliograficheskii ukazatel'. Moskva, TsJINChN, 1963. 114 p.
(MIRA 17:8)
1. Moscow. TSentral'naya nauchno-tehnicheskaya biblioteka
chernoy metallurgii.

SANKOVA, L.I.; KURGUZOVA, F.I.; GOROBINSKAYA, V.D.; MEL'VILENKO, D.T.

Optical method of determining the chemical homogeneity of glass.
Stek. i ker. 20 no.5:30-31 My '63. (MIRA 16:7)

1. Saratovskiy zavod tekhnicheskogo stekla.
(Glass--Testing)

ACCESSION NR: AP4039020

S/0072/64/000/C05/0035/0037

AUTHORS: Sankova, L.I.; Kukoleva, L.A.; Gorobinskaya, V.D.

TITLE: Rapid analysis of sodium carbonate batch containing a datolite concentrate

SOURCE: Steklo i keramika, no. 5, 1964, 35-37

TOPIC TAGS: industrial analysis, sodium carbonate, barium oxide, calcium carbonate, magnesium carbonate, datolite concentrate

ABSTRACT: Tests have shown that a datolite concentrate is well soluble in hot HCl. Ions of boric acid, calcium and magnesium are completely soluble, while silicic acid is partially soluble (50%). These, however, do not interfere with the determination of boron, calcium and magnesium. Consequently, the factory laboratory developed a method of chemical analysis of the charge containing sand, dolomite, pegmitite, sulfate, sodium carbonate and datolite concentrate for its content of Na_2CO_3 , B_2O_3 , CaCO_3 and MgCO_3 . The duration of analysis according to this method is 2 - 2.5 hours. The sample of the batch is quartered, dried to constant weight and ground in a porcelain mortar. Two gram samples are titrated with 0.5 N HCl to determine

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ACCESSION NR: AP4039020

the amount of Na_2CO_3 . The titrated solution is treated with 5 - 6 ml of HCl to eliminate CO_2 and to decompose the dolomite and the datolite concentrate. The solution is brought to 250 ml in a volumetric flask and 100 ml are removed for determination of B_2O_3 and 50 ml for determination of CaCO_3 . B_2O_3 is determined by titration of boric acid with NaOH in the presence of glycerin. CaCO_3 is determined by titration with trilon B (0.2 N solution) in an alkaline solution. $\text{CaCO}_3 + \text{MgCO}_3$ is also determined by titration with trilon B in an ammonia buffer. Orig. art. has: 2 tables and 5 equations

ASSOCIATION: Saratovskiy zavod tekhnicheskogo stekla (Saratov Technical Glass Plant)

SUBMITTED: 00

DATE ACQ: 10Jun64

ENCL: 00

SUB CODE: IC, MT

NR REF Sov: 000

OTHER: 000

Card

2/2

GOROBIV, A.A., inzh. (Gor'kiy)

Make tape measures which are multiples of rail lengths. Put' i
put. khoz. 7 no.5:45 '63. (MIRA 16:7)

(Railroads--Equipment and supplies)

GOROBIY, N.

Initiators of the competition. Avt.transp. 40 no.5:9 My '62.
(MIRA 15:5)

1. Nachal'nik planovogo otdela Zhdanovskoy avtomobil'noy
bazy avtoupravleniya Luganskogo sovmarkhoza.
(Lugansk Province—Transportation, Automotive)

GOROBIIY, N...

From top or from bottom? Avt.transp. 40 no.9:33 S '62.
(MIRA 15:9)
1. Nachal'nik planovogo otdela Zhdanovskoy avtobazy Luganskogo
soveta narodnogo khozayastva.
(Transportation, Automotive—Cost of operation)

GOROBIY, N.

Increasing economic skills. Avt. transp. 42 no.10:21-22
0 '64. (MIRA 17:11)

GAL'PERIN, G.D.; SHISHKOV, P.G.; PEYSAKHOVICH, A.I.; GOROBTSOV, A.M.

The BVS small-roller flour mill. Biul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch.i tekhn.inform. no.ll:74-76 '62. (MIRA 15:11)
(Flour mills)

PARAMONOV, F.I.; SALOMATIN, N.A., inzh., retsenzent; GOROBTSOV,
V.M., inzh., red.

[Mathematical methods for calculating the production
flow o multiple nomenclature] Matematicheskie metody
rascheta mnogonomenklaturnykh potokov. Moskva, Ma-
shinostroenie, 1964. 263 p. (MIRA 18:2)

L 33745-66 EWT(d)/T/EWP(1) IJP(c) BB/GG/GD/JXT(BF)
ACC NR: AT6008566 SOURCE CODE: UR/0000/65/000/000/0155/0168

AUTHOR: Gorobtsov, V. M.

ORG: none

TITLE: The recognition of alphanumeric data by the method of invariant transformation

SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading devices). Moscow, VINITI, 1965, 155-168

TOPIC TAGS: character reading equipment, reading machine, CHARACTER RECOGNITION

ABSTRACT: A method of reducing written symbols to a standard shape by means of invariant transformation is discussed. This method permits rapid recognition of symbols which entails a considerably smaller number of machine operations; information theory is used to discern defective symbols. Criteria for determining the shape of printed type which carry the most information are established. A binary system is used to describe black and white symbols. These data are converted into compound matrices which are explained in detail and supplemented with an actual example. In addition, considerable attention is devoted to the detection of defective symbols. The probability of correct symbol recognition is discussed and a block diagram illustrates the entire method used for the reading of alphanumeric systems. This method is applicable where

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"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616230001-2

L 33745-66

ACC NR: AT6008566

the statistical approach is insufficient owing to slight variation in the type of symbols. Orig. art. has: 9 figures, 8 formulas, 4 tables.

SUB CODE: 09/ SUBM DATE: 09Sep65

Card 2/2

BLQ

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616230001-2"

GORIN, A.A.; OSMACHKIN, B.P.; GOLENOK, L.S., inzh. po avtomatizatsii;
KOVALEV, G.I.; GOROBTSOV, V.S.

Isotopes in the service of miners. Ugol' Ukr. 9 no.12:14-16
D '65. (MIREA 19:1)

1. Ispolnyayushchiy obyazannosti direktora Donetskoy bazovoy izotopnoy laboratorii (for Gorin). 2. Nachal'nik uchastka izotopov Luganskogo montazhno-naladochnogo upravleniya (for Osmachkin). 3. Shakhtoupravleniye "Butovka" tresta Makeyevugol' (for Golenok). 4. Glavnyy inzh. laboratorii "Izotop" pri Luganskom montazhno-naladochnom upravlenii (for Gorobtsov).

GOROBTSOVA, R.M.

Immediate and late results of the treatment of supracondylar
fractures of the humerus in childhood. Ortop. travm. i protez,
21 no. 7:58-61 Jl '60. (MIR 13:10)

1. Iz Stalinskogo nauchno-issledovatel'skogo instituta travmatologii
i ortopedii (dir. - kand.meditinskikh nauk T.A. Revenko).
(HUMERUS--FRACTURE)

M. A., I.G.; CHIKOLOVA, T.A.

Use of lactic acid by butyric acid bacteria. II. *Acidobacter* sp.
obshch. biol. nauki no.1:187-191 (1958).

L. Bakasendovna kafedrnyj mikrobiologii Myskogo gospodarstva
pevenskogo universiteta. Submitted October 10, 1958.

GOROBTSOVA, Z.A., inzh., red.; PETROVA, V.V., red.izd-va; BOROVNEV,
N.K., tekhn.red.

[Catalog of unified precast concrete parts and structures
for industrial building] Katalog unifitsirovannykh
sbernykh zhelesobetonykh izdelii i konstruktsii dlia
premyshlennogo stroitel'stva. Moskva, Gos.izd-vo lit-ry
po stroit. i arkhit., 1957. 102 p. (MIRA 12:6)

1. Russia (1923- U.S.S.R.) Komitet po delam stroitel'stva.
(Precast concrete construction)

Ch.R. o Buryev - Po S. n Dov, M. I.

Report presented at the 1st All-Union Conference of Theoretical and Applied Mechanics,
Moscow, 27-28 Feb '60.

66. M. S. Gor'kin, Yu. N. Kharlamov, R. O. Buryev (Kazan). On a small-scale model of soil mechanics based on theory of shallow shells with the use of elements of finite capacity.
67. G. I. Gulyaev, Yu. G. Dubovoy (Kazan). Solution of natural problems of hydrodynamics of viscous and visco-plastic fluids.
68. G. I. Gulyaev (Kazan). A dynamic problem for a critical value in the statico-plastic range.
69. G. I. Gulyaev (Kazan). Some problems concerning the plane flow of compressible plastic media.
70. G. I. Gulyaev (Kazan). On a problem of elastic-plastic waves in an anisotropic shell.
71. I. A. Gulyaev (Kazan). A dynamic problem for a critical value.
72. N. V. Gulyaev (Kazan). Postponing methods in new elements of applied mechanics to geological problems.
73. N. V. Gulyaev, P. G. Olyanik (Novosibirsk). Simulation of propagation and capture or release of seismic waves by the use of wave packets and other methods.
74. V. G. Gulyaev (Ufa). Development of theory of processes in rocks with the use of methods of nonlinear mechanics.
75. I. I. Gulyaev (Kazan). Some generalizations of the basic equations of rheumatology.
76. I. I. Gulyaev (Kazan). The propagation of longitudinal waves in a viscoelasticity problem.
77. A. A. Gulyaev, V. G. Gulyaev (Ufa). Theoretical and experimental investigation of effects of the loads of the Wallenberg type on the strength of some plastic materials.
78. I. I. Gulyaev (Kazan). A generalized theory of plasticity of uniaxial plastic media.
79. I. I. Gulyaev, N. A. Filatova (Moscow). A general theory of shells.
80. I. I. Gulyaev (Kazan). Development of the theory of thin shells.
81. I. I. Gulyaev (Kazan). Anisotropic interaction of the shear stresses in theory of thin plastic plates.
82. M. I. Gulyaev (Kazan). Determination of the failure surface in a sand foundation under the influence of the pressure of a rigid footer.
83. A. I. Gulyaev (Kazan). On secondary effects in torsion and bending of nearly parabolic bars.
84. I. V. Gulyaev (Chita). On frictional equilibrium conditions, friction in water-saturated sand under dynamic conditions, creation of boundary conditions of contribution to the length.
85. G. I. Gulyaev, G. J. Jashin (Kiev). Contribution to the theory of boundary conditions of variable dimensions.
86. G. I. Gulyaev, G. J. Jashin (Kiev). On elastic-plastic deformation of membranes under large shear stresses.
87. A. A. Gor'kin (Chita). Equilibrium of substrate shells of pavilions for large displacements and strains.
88. G. S. Gor'kin (Chita). Creep design of main engineering shells.
89. G. S. Gor'kin (Chita). The initial condition of soil dynamics and some particular solutions.
90. G. I. Gulyaev (Kiev). Torsion of an elastic layer.
91. G. I. Gulyaev (Kiev). Stress concentration in cracked circular strips under large shear deformations.
92. V. I. Gulyaev, V. I. Korobkov (Kiev). The effect of the presence of an annular strip on an elastic half-space.
93. I. I. Gulyaev (Kazan). Effect of shear stresses in the analysis of foundations.
94. V. M. Davydov, P. I. Kostylev (Kiev). Building of different shells with different edges under external pressures.
95. I. I. Gulyaev (Kiev). The limit equilibrium of an elastic-plastic disk due to compression between rough rigid plates.
96. E. G. Olyanik (Chita). A plane multi-layered system subjected to a conservative body force in an anisotropic medium.
97. E. G. Olyanik (Chita). The equilibrium of a hollow cone subject to a vertical load and hydrostatic pressure on one of its surfaces on the part of the cone has arbitrary orientation.
98. V. M. Davydov, P. I. Kostylev (Kiev). Building of different shells with different edges under external pressures.

COUNTRY : USSR

CATEGORY : GENERAL & SPEC. ZOOLOGY, INC.
Insect and Mite Pests.

ABS. JOURN. : Ref. Zhur.-Biologiya, No. 4, 1959. No. 1256

AUTHOR : Gorobunova, N.H.

INST. : All-Russiaian BSR

TITLE : The influence of the use of molibdate on the development of the wireworms and other harmful insects in the soil of the forest-steppe zone of the Donets basin.

GRIG. PUB.: Izv. AN BSR, Ser. Biol. N., 1957, No.1,
113-116

ABSTRACT : The influence of the use of molibdate on the development of the wireworms and other harmful insects in the soil of the forest-steppe zone of the Donets basin was studied. Treatment of the soil by molibdate decreased the number of wireworms and other harmful insects in the soil. The reduction was more pronounced in the case of the use of molibdate without a helioboard of bent-hor soil, and it was even more effective if contamination of the soil was greater in the beginning. Treatment of the soil without a helioboard did not produce any significant decrease in the number of various enchytraeids, and other useful invertebrates. The author

CARD : 3/3

17

COUNTRY :

CATEGORY : GENERAL, EC, ECOLOGY, INSECTS

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ABS. JOURN. : Ref. Zhur.-Biologiya, No. 4, 1959, No. 1256

AUTHOR :

INST. :

TITLE :

GRIG. PUB.:

ABSTRACT : with dice cultivations decreased the number of wireworms on such sections more than 5-fold. Still more was the reduction in harmful fauna after biennial treatment without a helioboard of bent-hor soil, and it was even more effective if contamination of the soil was greater in the beginning. Treatment of the soil without a helioboard did not produce any significant decrease in the number of various enchytraeids, and other useful invertebrates. The author

CARD : 3/3

COUNTRY :

CATEGORY : GENERAL, EC, ECOLOGY, INSECTS

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instr. 31 no.3:18-22 Mr '60. (MIRA 13:6)
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"The Energetic Spectra Sensitivity of Photographic Strata in the Ultraviolet Division of the Spectrum," Dokl. AN SSSR, 28, No.8, 1940

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no. 6:13-17 '61. (MIRA 14:10)

1. Iz terapevticheskogo otdeleniya (zav. G.A. Smolenskiy) gorod-
skoy bol'nitsy No.23 i kafedry gospital'noy terapii (zav. - dotsent
O.I. Yasakova) pediatriceskogo fakul'teta Sverdlovskogo meditsin-
skogo instituta.

(AGRANULOCYTOSIS)

COUNTRY	: Rom. R.D.	M-1
CATEGORY	:	
PERIODICAL	APR. JOUR. : RZBiol., No. 4, 1950, No. 87268	
AUTHOR	: Gruiaea, Gr.	
INST.	:	
TITLE	: Some Problems Concerning Vineyards of Direct-Producer Hybrids.	
ORIG. PUB.	: Craiova, via al Livada, 1957, No 6, 39-45	
ABSTRACT : At the present time in Rumania almost one-half of the total vineyard area is occupied by direct-producer hybrids. Essentially, these are low-quality varieties. For a further development of Rumanian viticulture more attention should be given to vineyards of grafted (European) and local high-quality varieties, and the establishment of new vineyards of hybrids should be avoided. Efficient cultural procedures must be used, the technology of wine making from grapes of direct-producer hybrids should be developed. Also, studies should be made of the high-grade varieties of grape hybrids available at collection plots, and of individual local varieties.		
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CHISTOVICH, G.N.; BLYUMENFEL'D, O.M.; GORODEL'SKAYA, E.A.; PETUKHOVA, R.N.;
POLOZOVA, T.V.; TERENT'YEVA, T.A.; SHILOVA, N.V.; SHOSHICHA, S.V.

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im. Pavlova.
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PA 63/49T55

USSR/Medicine - Toxicology
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"Gig i San" No 1

Reviews two foreign articles and three others from "Farmakologiya i Toksikologiya," Vol X, 1947. The latter three (first taken from No 6, others from No 3) are: "Antidotal Therapy in Arsenic Intoxications (A Survey)," by V. F. Mel'nikova, "The Combined Activity of Carbon Monoxide and Gasoline Vapors," by V. M. Chernov and S. S. Liberman, and "Gases of Acute Poisoning Caused by the So-Called

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V.V., prof., retsenzent; FOMIN, N.A., prof., retsenzent;
MERKULOV, I.A., retsenzent; IL'YASHENKO, S.M., kand.tekhn.
nauk, retsenzent; VARVAROV, N.A., retsenzent; PANTELIYEV,
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